

# PRODUCT DATASHEET

## DL SLIM ALU DN 180 17 W 4000 K WT

DOWNLIGHT SLIM ALU GEN 1 | Flat downlights with external driver and aluminum housing



### Areas of application

- Direct replacement for luminaires with compact fluorescent lamps
- General illumination
- Public areas
- Stairways
- Corridors
- Foyers
- Shops

### Product benefits

- Very slim housing
- Low installation depth
- High luminous efficacy
- Energy savings up to 60 % (compared to luminaires that use CFL lamps)
- Very homogenous light
- Functional design
- External driver for easy replacement
- 5 years guarantee

### Product features

- Solid aluminum housing in white
- Small visible bezel



- Light guide made of non-yellowing PMMA for long lifetime

## TECHNICAL DATA

### Electrical data

Nominal wattage	17.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	155 mA
Inrush current	10 A
Inrush current time $T_{h50}$	400 $\mu$ s
Max. number of luminaires per miniature circuit breaker B16	16
Max. number of luminaires per miniature circuit breaker C10	14
Max. number of luminaires per miniature circuit breaker C16	23
Power factor $\lambda$	> 0.5
Total harmonic distortion	< 20 %
Protection class	II
Operating mode	Electronic control gear (ECG)

### Photometrical data

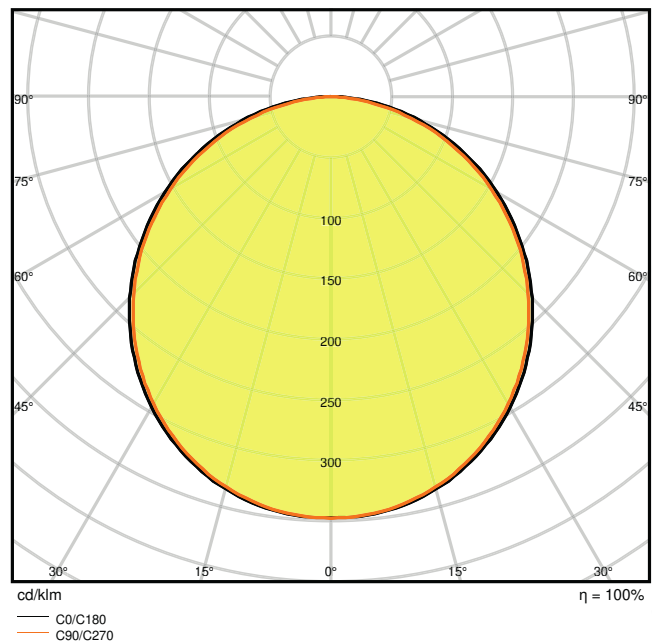
Luminous flux	1400 lm
Luminous efficacy	80 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Luminous intensity	-
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG0
Photobiological safety group acc. to EN62471	RG0
Beam angle	120 °

0.5	1.49 1.55	E(0°) 2001 E(C90) 174 E(C0) 161
1.0	2.98 3.09	E(0°) 500 E(C90) 43 E(C0) 40
1.5	4.46 4.64	E(0°) 222 E(C90) 19 E(C0) 18
2.0	5.95 6.18	E(0°) 125 E(C90) 11 E(C0) 10
2.5	7.44 7.73	E(0°) 80 E(C90) 7 E(C0) 6
3.0	8.93 9.27	E(0°) 56 E(C90) 5 E(C0) 4

Distance [m]                      Cone diameter [m]                      Illuminance [lx]

— C0/C180 (Half beam angle [°]: 114.2°)  
— C90/C270 (Half beam angle [°]: 112.2°)

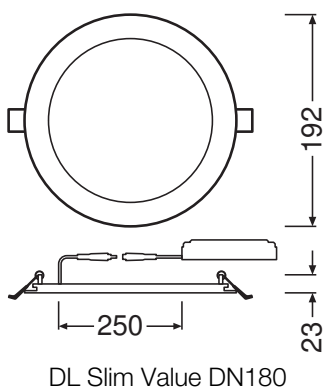
4058075063945 DL SLIM VALUE DN180 17W 4000K WT



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Dimensions & Weight

Diameter	192.00 mm
Height	23.00 mm
Product weight	280.00 g



Materials & Colors

Product color	White
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Housing color	White
Body material	Aluminum
Cover material	Polymethylmethacrylate (PMMA)
Light emitting surface material	PMMA
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-30...+70 °C
Type of connection	Screwless terminal, 2-Pole
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Recessed
Mounting location	Ceiling / Wall
Application environment	Indoor
Mounting diameter	180 mm
Mounting depth	40 mm
With light source	Yes

### Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	30000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	30000 h
Lifespan L90/B10 at 25 °C	15000 h
Number of switching cycles	50000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Control gear

Output current	330 mA
ECG - Output ripple current	≤ 10 %
ECG - Length	120 mm
ECG - Width	42 mm
ECG - Height	28 mm


### Certificates & Standards

Standards	CE / CB
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
Replaceable light source (EPREL)	Not replaceable

Additional product data

Number of illuminants	Not relevant
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Accessories Optional











Product image	Product name	EAN
	EM CONVERSION BOX	4058075237025

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- The luminaires are not suitable for covering with thermally insulated material.

DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	Downlight Slim Value
 On-Pack-Info	Legal Insert Downlight LED ALU+Comfort
 Legal information	LSI DL SLIM ALU
 Legal information	Informationstext 18 Abs 4 ElektroG
 Declarations of conformity	EU Declaration of Conformity DOWNLIGHT SLIM ALU LEDV
 Declarations of conformity	EU Declaration of Conformity DOWNLIGHT SLIM ALU TÜV Rh
 Declarations of conformity UKCA	DL SLIM ALU

Photometric and lighting design files		Document name
	IES file (IES)	DL SLIM VALUE DN180 17W 4000K WT
	LDT file (Eulumdat)	DL SLIM VALUE DN180 17W 4000K WT
	ULD file (DIALux)	DOWNLIGHTSLIMALU18017W4000KWT
	ROLF file (RELUX)	DL SLIM ALU DN180
	UGR file (UGR table)	4058075063945 DL SLIM VALUE DN180 17W 4000K WT
	Light distribution curve type cone	4058075063945 DL SLIM VALUE DN180 17W 4000K WT
	Light distribution curve type polar	4058075063945 DL SLIM VALUE DN180 17W 4000K WT
CAD/BIM files		Document name
	BIM Revit 3D	DL SLIM ALU
	CAD STEP 3D	DL SLIM ALU 17W
Tender texts		Document name
	Tender documents	DOWNLIGHT SLIM ALU 180 17 W 4000 K WT-EN

### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075063945	Folding box 1	47 mm x 195 mm x 195 mm	345.00 g	1.79 dm <sup>3</sup>
4058075063952	Shipping box 10	495 mm x 210 mm x 210 mm	3787.00 g	21.83 dm <sup>3</sup>

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

### References / Links

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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